

O I P E S C I A
JAN 16 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
MESTER, et al.)
Application No. 10/643,151)
Filed: 08/19/2003)
For: PHOTOCHEMICAL TRANSFORMATION)
OF METALLIC AND NON-METALLIC)
IONS IN AN AQUEOUS ENVIRONMENT)

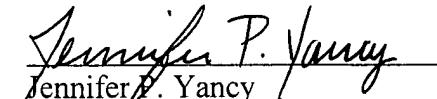
INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents
Washington, DC 20231

Sir.

Pursuant to the requirements of 37 C.F.R. 1.97 and 1.98, Applicant respectfully requests that the references listed in the attached Form PTO/SB/08B be considered and made of record in the above referenced application.

Respectfully submitted,


Jennifer P. Yancy
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Dated: January 16, 2004

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PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	10/643,151
Filing Date	08/19/2003
First Named Inventor	MESTER
Group Art Unit	
Examiner Name	
Attorney Docket Number	308-018

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		FREDERICK CHALLENGER, "Biological Methylation," p. 420-491,	
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		AKAGI, ET AL., "Photochemical Transformation of Mercuric Sulfide into Methylmercury in Aqueous Solutions," Chemistry Letters, Chemical Society of Japan, p. 1-4, (1976).	
		LARS LANDNER, "Biochemical Model for the Biological Methylation of Mercury suggested from Methylation Studies in vivo with Neurospora crassa", Nature, Vol. 230, p. 452-454, (1971)	
		KIKUCHI, ET AL., "Kinetics of the reduction Reaction of Selenate Ions by TiO ₂ Photocatalyst," Journal of the Electrochemical Society, Vol. 147 (No. 12), p. 4589-4593, (2000).	
		AMOURoux, ET AL. , "Formation of Volatile Selenium Species in Synthetic Seawater under Light and Dark Experimental Conditions," Applied Organometallic Chemistry , Vol. 14, John, Wiley & Sons, Ltd., p. 236-244, (2000).	
		GOSIO, "Recherches ultérieures sur la biologie et sur le chimisme des arsenio-moisissures," Archives italiennes de Biologie, p. 201-213,	
		CHALLENGER, ET AL., "The production of Organo-metalloidal Compounds by Micro-organisms. Part II. Dimethyl Selenide," The University, Leeds, p. 68-71, (December 19, 1933).	
		ZAYED, ET AL., "Accumulation and volatilization of different chemical species of selenium by plants," Planta, Vol. 206, p. 284-292, (1998).	
		ATKINSON, ET AL., "Kinetics of the Atmospherically Important Reactions of Dimethyl Selenide," Environ. Sci. Technol., American Chemical Society, Vol. 24., p. 1326-1332, (1990).	
		HANSEN, ET AL., "Selenium Removal by Constructed Wetlands: Role of Biological Volatilization," Environ. Sci. Technol., American Chemical Society, Vol. 32 (No. 5), p. 591-597, (1998).	

Examiner
SignatureDate
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Sheet	2	of	2														

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